

TRANSMITTER, RECEIVER, RADIO COMMUNICATION SYSTEM AND METHOD THEREFOR**Publication number:** JP2002246921 (A)**Also published as:****Publication date:** 2002-08-30

JP3788921 (B2)

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EP1225715 (A2)

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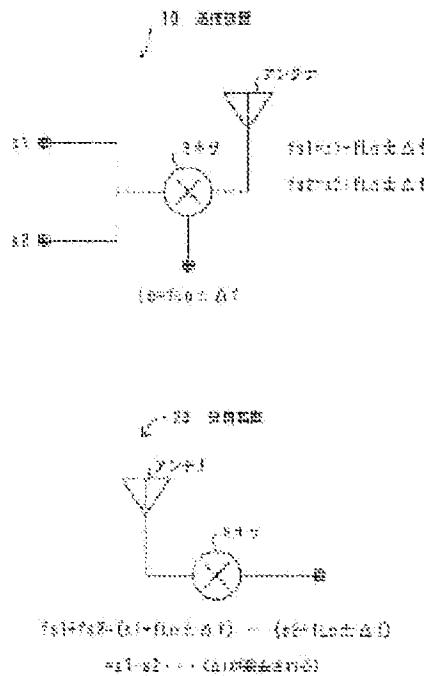
EP1225715 (A3)

Classification:

EP1225715 (B1)

- international: H04B1/26; H03D7/00; H04B1/04; H04B1/26; H03D7/00;
H04B1/04; (IPC1-7): H04B1/04; H04B1/26[more >>](#)

- European: H03D7/00

Application number: JP20010284575 20010919**Priority number(s):** JP20010284575 20010919; JP20000378810 20001213**Abstract of JP 2002246921 (A)****PROBLEM TO BE SOLVED:** To increase precision and stabilization of a radio communication control.**SOLUTION:** A transmitter 10 transmits a first signal wave and a second signal wave with radio frequencies by mixing the first signal wave as an information signal and the second signal wave as a nonmodulated wave with a carrier signal. A receiver 20 mixes the radio frequencies of the first signal wave and the second signal wave. On the receiver 20 side Δf components containing a frequency misalignment or a phase noise included in the radio frequencies are canceled, and extracts information by eliminating unstable components on a side of the transmitter 10.

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